

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 10021956
PUBLICATION DATE : 23-01-98

APPLICATION DATE : 02-07-96
APPLICATION NUMBER : 08207548

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INT.CL. : H01M 10/26

TITLE : BATTERY CONTAINING ORGANIC ADDITIVE

ABSTRACT : PROBLEM TO BE SOLVED: To provide a battery of which terminal voltage decreases due to charging and discharging cycles is slight and which provides a high total discharging capacity and is manufactured at low cost and durable for repeated charging and discharging by adding a specified organic additive to an electrolytic solution.

SOLUTION: This battery contains a compound produced by binding sulfonic acid group or phosphonic acid group to a molecule comprising a plurality of benzene rings bound through conjugated double bonds as an additive in an electrolytic solution which is brought into contact with a zinc electrode. Moreover, the battery contains one or more organic additive selected from the following compounds A, B, C, D, E, and F in the electrolytic solution contacting the zinc electrode: A is anthraquinonesulfonic acid or its derivative; B is naphthalenesulfonic acid or its derivative; C is naphtholsulfonic acid or its derivative; D is anthraquinonephosphonic acid or its derivative; E is naphthalenephosphonic acid or its derivative; and F is naphtholphosphonic acid or its derivative.

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